

Myton, Utah 84052 (435) 646-4825, FAX: (435) 646-3031

May 19, 2008

State of Utah

Division of Oil, Gas & Mining

Attn: Diana Mason

1594 West North Temple - Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Federal 13-28-9-18	Federal 9-29-9-18
Federal 15-28-9-18	Federal 10-29-9-18
Federal 16-28-9-18	Federal 11-29-9-18
Federal 12-29-9-18	Federal 15-29-9-18
Federal 14-29-9-18	Federal 16-29-9-18

#### Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 9-29-9-18 and 16-29-9-18 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

RECEIVED

MAY 2 0 2008

DIV. OF OIL, GAS & MINING

Form 3160-3 (September 2001)			FORM APPR OMB No. 100		
UNITED STATE	Expires January				
DEPARTMENT OF THE I	5. Lease Serial No.				
BUREAU OF LAND MANA	GEMENT		UTU-19267		
APPLICATION FOR PERMIT TO D	RILL OR REENTER		6. If Indian, Allottee or	Гribe Name	
			N/A		
1a. Type of Work: DRILL REENTE	7. If Unit or CA Agreeme N/A	ent, Name and No.			
1b. Type of Well: Oil Well Gas Well Other	Single Zone  Mult	iple Zone	8. Lease Name and Well Federal 16-29-9		
Name of Operator     Newfield Production Company			9. API Well No. 43-0	147-40088	
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Expl		
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		Eight Mile Flat		
4. Location of Well (Report location clearly and in accordance with At surface SE/SE 974' FSL 576' FEL 593/03X	any State requirements.*) 39,99737b		11. Sec., T., R., M., or Blk.	and Survey or Area	
At proposed prod. zone 442782	At proposed prod. zone 44278264 - 109.909374				
·	14. Distance in miles and direction from nearest town or post office*				
Approximatley 21.5 miles southeast of Myton, Utah		·	Uintah	UT	
<ol> <li>Distance from proposed*         location to nearest property or lease line, ft.         (Also to nearest drig. unit line, if any)         Approx. 974' f/lse, NA' f/unit     </li> </ol>	16. No. of Acres in lease	17. Spacin	ing Unit dedicated to this well  40 Acres		
18. Distance from proposed location*	19. Proposed Depth	20. BLM/E	BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 901'	5335'	v	WYB000493		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration		
5100' GL	4th Quarter 2008		Approximately seven (7) days from spud to rig release.		
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be att	ached to this	form:	***	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	Item 20 above).  5. Operator certification	ation. specific info	s unless covered by an exist	,	
25. Signature	Name (Printed/Typed)		Date		
1/ cendo voza	Mandie Crozier		<u></u> 5/*	15/08	
Title Regulatory Specialist					
Approved by (Signature)	Name (Printed/Typed) BRADLEY G	. HILL	Date	6-09-08	
Title	Office VINONMENTAL N	IANAGER		<u> </u>	
Application approval does not warrant or certify the the applicant holds leader operations thereon.  Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject le	ease which would entitle the a	applicant to conduct	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this Action is Necessary RECEIVED MAY 2 0 2008

DIV. OF OIL, GAS & MINING

# T9S, R18E, S.L.B.&M.

S89°56'W - 79.88 (G.L.O.) S89°48'05"W - 2629.81' (Meas.) \quad N89°57'59"W - 2641.83' (Meas.) 1910 1910 Brass Can Brass Cap Brass Cap WELL LOCATION: FEDERAL 16-29-9-18 ELEV. UNGRADED GROUND = 5099.7' (G.L.O.) (G.L. V0.03'W N0.03,W 1910 1910 Brass Cap Brass Cap Proposed Well Head See Detail At Left 576' DetailNo Scale 1910 DRILLING Brass Cap Brass Cap Brass Ca WINDOW N89°55'00"W - 2640.18' (Meas.) S89°44'53"W - 2638.55' (Meas.) S89°58'W - 79.98 (G.L.O.)



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (CROW KNOLL) FEDERAL 16-29-9-18 (Surface Location) NAD 83 LATITUDE = 39° 59' 50.42" LONGITUDE = 109° 54' 36.04"

# NEWFIELD PRODUCTION COMPANY

WELL LOCATION, FEDERAL 16-29-9-18, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 29, T9S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.





REGISTER D LAND SURVEYOR REGISTRA PONGIO. STATE OF GLAMATE OF UNION STATE OF UNIO

# TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078 (435) 781–2501

(100) /	01 2001
DATE SURVEYED: 11-19-07	SURVEYED BY: T.H.
DATE DRAWN: 12-04-07	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

# NEWFIELD PRODUCTION COMPANY FEDERAL 16-29-9-18 SE/SE SECTION 29, T9S, R18E UINTAH COUNTY, UTAH

#### **ONSHORE ORDER NO. 1**

#### **DRILLING PROGRAM**

#### 1. <u>GEOLOGIC SURFACE FORMATION:</u>

Uinta formation of Upper Eocene Age

# 2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

 Uinta
 0' - 985'

 Green River
 985'

 Wasatch
 5,335'

 TD
 5,335'

# 3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation (Oil) 985' – 5,335'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature Hardness pН Water Classification (State of Utah) Dissolved Calcium (Ca) (mg/l) Dissolved Iron (Fe) (ug/l) Dissolved Sodium (Na) (mg/l) Dissolved Magnesium (Mg) (mg/l) Dissolved Carbonate (CO<sub>3</sub>) (mg/l) Dissolved Bicarbonate (NaHCO<sub>3</sub>) (mg/l) Dissolved Chloride (Cl) (mg/l) Dissolved Sulfate (SO<sub>4</sub>) (mg/l) Dissolved Total Solids (TDS) (mg/l)

#### 4. PROPOSED CASING PROGRAM

a. Casing Design: Federal 16-29-9-18

Size Interval		Weight Grade	Coupling	Design Factors				
No.	Тор	Bottom	vveigni	Graue	Coupling	Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950	1,370	244,000
Hole Size 12 1/4"			24.0	3-55	310	17.53	14.35	33.89
Prod casing	61	C 0051	45.5			4,810	4,040	217,000
5-1/2" Hole Size 7 7/8"	0'	5,335'	15.5	15.5 J-55	LTC	2.83	2.38	2.62

#### Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: Federal 16-29-9-18

Job	Fill	Description	Sacks %	OH Excess*	Weight (ppg)	·Yield (ft³/sk)
Surface casing 300'		Class G w/ 2% CaCl	138	2004		1.17
		Class G W/ 2/6 CaCl	161	30%	15.8	
Prod casing	3.335'	Prem Lite II w/ 10% gel + 3%	230		11.0	
Lead	3,333	KCI	751	30%		3.26
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363			
Tail	2,000	KCI	451	30%	14.3	1.24

<sup>\*</sup>Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

Waiting On Cement: A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out of the wiper plug,

cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The Vernal BLM Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

A Form 3160-5, "Sundry Notices and Reports on Wells" shall be filed with the Vernal Office Manager within 30 days after the work is completed. This report must include the following information:

Setting of each string of casing showing the size, grade, weight of casing set, depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of the cementing tools used, casing test method and results, and the date of the work done. Spud date will be shown on the first reports submitted.

#### 5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

The Company's Class 2M minimum specifications for pressure control equipment for a standard Monument Butte development well are as follows:

A 2000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and either an annular preventer or a rotating head. If no annular preventer is used, ram blocks will be changed to match the outside diameter of casing and the stack will be retested prior to running any casing string.

Connections - All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Choke Manifold - The minimum equipment requirements are shown in **Exhibit C**. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Pressure Monitoring - A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Drillstring Control Devices - An upper and lower kelly valve, drillstring safety valve including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drillstring valves shall be rated to the required BOP WP.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system, and individual components shall be operable as designed.

Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Driller's report.

Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to BLM representatives upon request.

Newfield Exploration requests a variance from Onshore Order 2, III.C.7. which states, "...(1)The flare line discharge shall be located not less than 100 feet from the well...(2)The flare system shall have an effective method of ignition."

Newfield Exploration requests permission to have a flowline length of 80 feet in order to minimize the size of the well pad.

Newfield Exploration request permission to conduct operations without an automatic ignitor. If combustible gases are expected, operations will be shut down until an effective method of ignition has been installed.

Newfield Exploration requests a variance from Onshore Order 2, III.E.1. which states, "...the following equipment shall be in place and operational during air/gas drilling: (1) Properly lubricated and maintained rotating head ...(2) Blooie line discharge 100 feet from well bore...(3) Automatic igniter or continuous pilot light on the blooie line... (4) compressors located...a minimum of 100 ft from the well bore..."

Newfield Exploration request permission to use a diverter bowl in place of a rotating head. The diverter bowl forces the air and cutting returns to the reserve pit and is used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to use a blooie line with a discharge less than 100 feet from the wellbore in order to minimize the size of the well pads and direct the cuttings and circulating mediums into the reserve pit. The well bore is located approximately 35 feet from the reserve pit which is 40 feet wide; a 100 feet blooie line would discharge the cuttings and circulating mediums across the reserve pit and off the location. The requested length of the blooie line to drill the surface casing (surface to a total depth of 350 feet) is 35 feet. The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to operate without an automatic igniter or continuous pilot light on the blooie line due to the fact the air rig is only used to drill the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

Newfield Exploration request permission to use a trailer mounted compressor located less than 100 feet from the well bore in order to minimize the well pad size. The trailer mounted compressor is located 50 feet from the wellbore and in an opposite direction of the blooie line. The compressor has the following safety features: (1) shut off valve on the trailer that is located approximately 15 ft from the air rig, (2) pressure relief valve on the compressor, and (3) Spark arresters on the motors. The compressor only used in the drilling of the surface casing (surface to a total depth of 350 feet). The surface casing occurs within the Uinta Formation which is a non-hydrocarbon bearing zone and thus has no possibility of gas pressure.

# 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to  $\pm 350$  feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about  $\pm 350$  feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will visually monitor pit levels and flow from the well during drilling operations.

#### 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

#### 8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

#### a. Logging Program:

(the log types run may change at the discretion of the geologist)

FDC/CNL/GR/DLL:

TD - 3,200'

CBL: A cement bond log will be run from TD to the cement top of the production casing. A field copy will be submitted to the Vernal BLM Office.

**b.** Cores: As deemed necessary.

#### c. Drill Stem Tests: No DSTs are planned in the Green River.

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

# 9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:</u>

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

#### a. Drilling Activity

Anticipated Commencement Date:

Drilling Days: Completion Days: Upon approval of the site specific APD.

Approximately 7 days.

Approximately 10 - 14 days.

#### b. Notification of Operations

The Vernal BLM office will be notified at least 24 hours **prior** to the commencement of spudding the well (to be followed with a Sundry Notice, Form 3160-5), of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (7:45 a.m.-4:30 p.m., Monday - Friday except holidays).

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the appropriate regulations, Onshore Orders, or BLM policy.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in suspended status without prior approval from the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given to the BLM before resumption of operations.

Daily drilling and completion reports shall be submitted to the Vernal BLM Office on a weekly basis.

Whether the well is completed as a dry hole or a producer, the "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

A completion rig will be used for completion operations after the wells are stimulated to run the production tubing. All conditions of this approved plan will be applicable during all operations conducted with the completion rig.

Operator shall report production data to the MMS pursuant to 30 CFR 216.5 using form MMS/3160. In accordance with Onshore Oil and Gas Order No. 1, a well will be reported on form 3160-6, "Monthly Report of Operations," starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM Office.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by written communication not later than 5 days following the date when the well is placed on production.

Pursuant to Onshore Order No. 7, with the approval of the AO, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the AO.

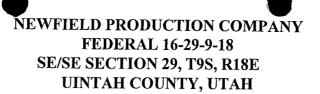
Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the AO and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required by 43 CFR 3162.7-5(b.9.d), shall be submitted to the Vernal BLM Office within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

Well abandonment operations shall not be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment", Form 3160-5, will be filed with the Authorized Officer within 30 days following completion of the well for abandonment. This report will indicate placement of the plugs and current status of the

surface restoration. Final Abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO, or the appropriate surface managing agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with the State and local laws, to the extent to which they are applicable, to operations on Federal or Indian lands.



#### ONSHORE ORDER NO. 1

### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 16-29-9-18 located in the SE 1/4 SE 1/4 Section 28, T9S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 14.9 miles  $\pm$  to it's junction with an existing dirt road to the northeast; proceed northeasterly - 1.8 miles  $\pm$  to it's junction with an existing road to the south; proceed southeasterly - 3.2 miles  $\pm$  to it's junction with the beginning of the proposed access road to the west; proceed westerly along the proposed access road - 1,010'  $\pm$  to the proposed well location.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

#### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Carlsbad Canyon. All facilities will be painted within six months of installation

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District Water Right: 43-10136

Neil Moon Pond

Water Right: 43-11787

Maurice Harvey Pond Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site

#### 6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

#### 7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See attached Location Layout Diagram.

#### Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

#### 10. PLANS FOR RESTORATION OF SURFACE:

#### a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

#### b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> - Bureau Of Land Management (Proposed location and access roads leading to).

#### 12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #07-315, 9/19/07. Paleontological Resource Survey prepared by, Wade E. Miller, 9/1/07. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 1,010' of disturbed area be granted in Lease UTU-19267 to allow for construction of the planned access road. Refer to Topographic Map "B". A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from

normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 1,010' of disturbed area be granted in Lease UTU-19267 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C."

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

#### **Additional Surface Stipulations**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### **Hazardous Material Declaration**

Newfield Production Company guarantees that during the drilling and completion of the Federal 16-29-9-18, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Federal 16-29-9-18. Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

# Threatened, Endangered, And Other Sensitive Species

None for the proposed Federal 16-29-9-18.

#### Reserve Pit Liner

A 16 mil liner with felt is required.



The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	Elymus Elymoides	6 lbs/acre
Siberian Wheatgrass	Agropyron Fragile	2 lbs/acre
Gardner Saltbush	Atriplex Gardneri	1 lbs/acre
Shadscale	Atriplex Confertifolia	1 lbs/acre
Fourwing Saltbush	Atriplex Canescens	1 lbs/acre
Scarlet Globemallow	Sphaeralcea Conccinea	0.20 lbs/acre
Forage Kochia	Kochia Prostrata	0.20 lbs/acre

#### **Details of the On-Site Inspection**

The proposed Federal 16-29-9-18 was on-sited on 4/9/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management) and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

#### LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name:

Dave Allred

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

#### Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #16-29-9-18 SE/SE Section 29, Township 9S, Range 18E: Lease UTU-19267 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

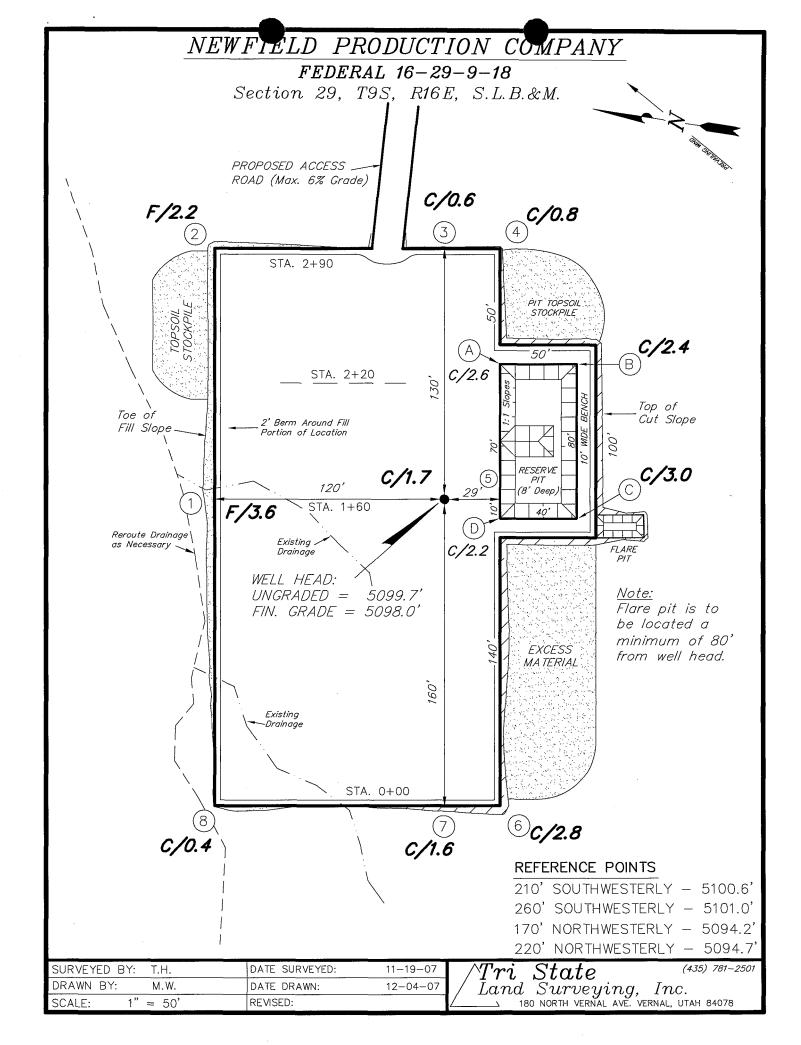
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date

Mandie Crozier

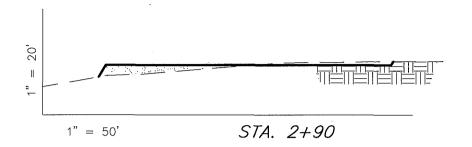
Regulatory Specialist

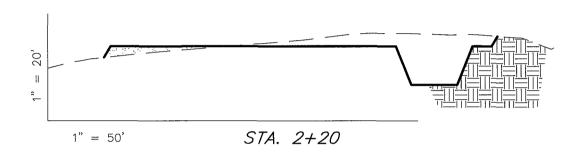
Newfield Production Company

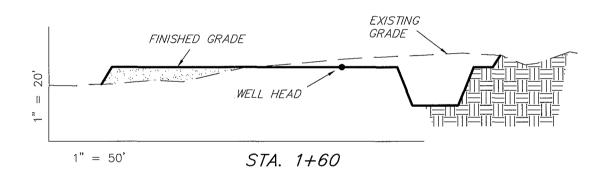


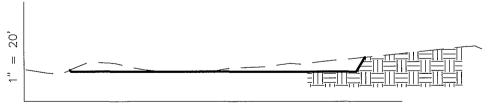
# NEWFIELD PRODUCTION COMPANY

# CROSS SECTIONS FEDERAL 16-29-9-18









1" = 50'

STA. 0+00

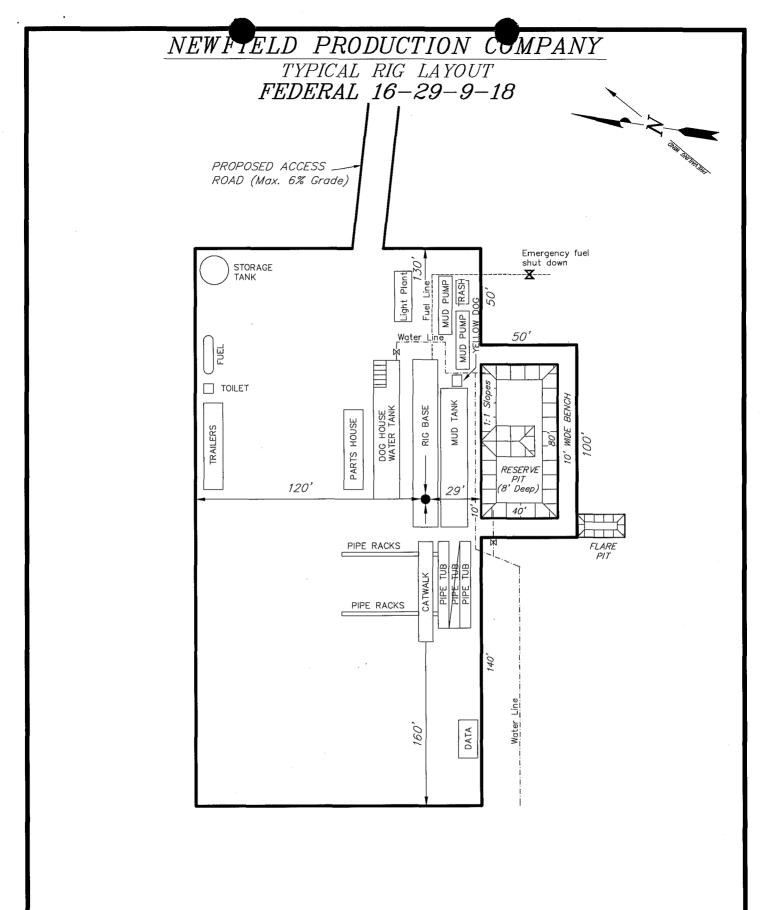
ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

	(	_		
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,120	1,120	Topsoil is not included	0
PIT	640	0	in Pad Cut	640
TOTALS	1,760	1,120	950	640

NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

SURVEYED BY:	T.H.	DATE SURVEYED:	11-19-07
DRAWN BY:	M.W.	DATE DRAWN:	12-04-07
SCALE: 1"	= 50'	REVISED:	2

 $igg/ Tri\ State$  (435) 781–2501  $Land\ Surveying,\ Inc.$   $\raightarrow$  180 NORTH VERNAL AVE. VERNAL, UTAH 84078



SURVEYED BY: T.H.	DATE SURVEYED:	11-19-07
DRAWN BY: M.W.	DATE DRAWN:	12-04-07
SCALE: $1" = 50'$	REVISED:	

# **Newfield Production Company Proposed Site Facility Diagram**

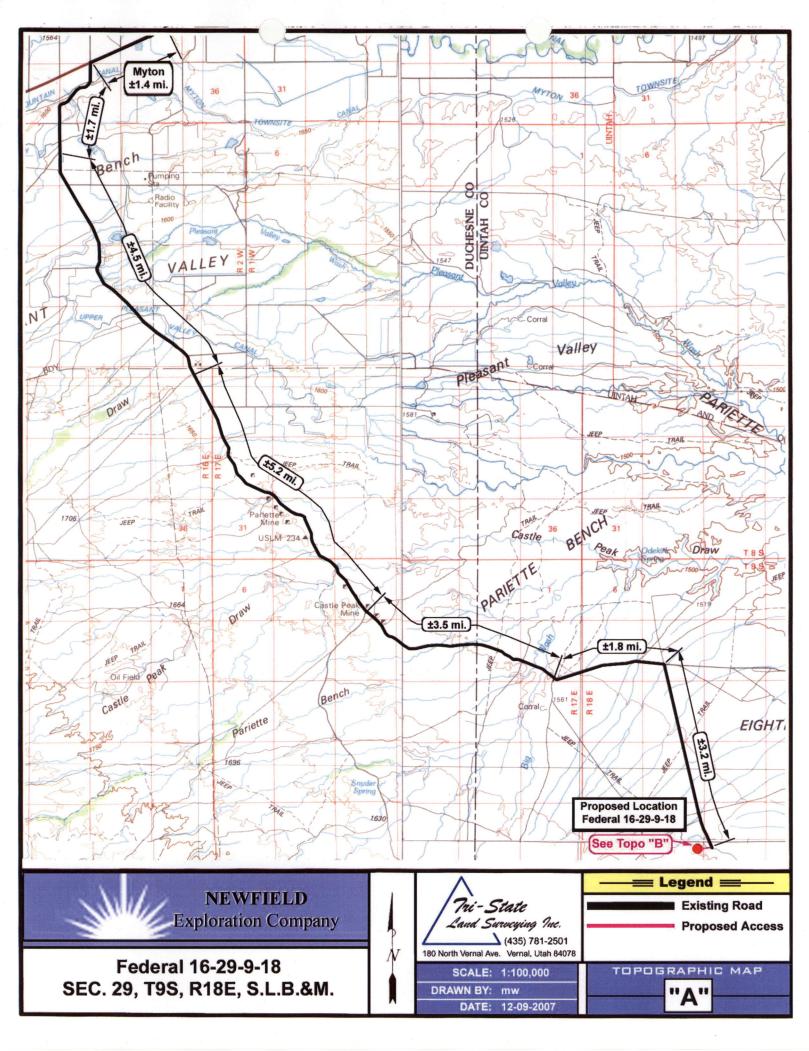
Federal 16-29-9-18

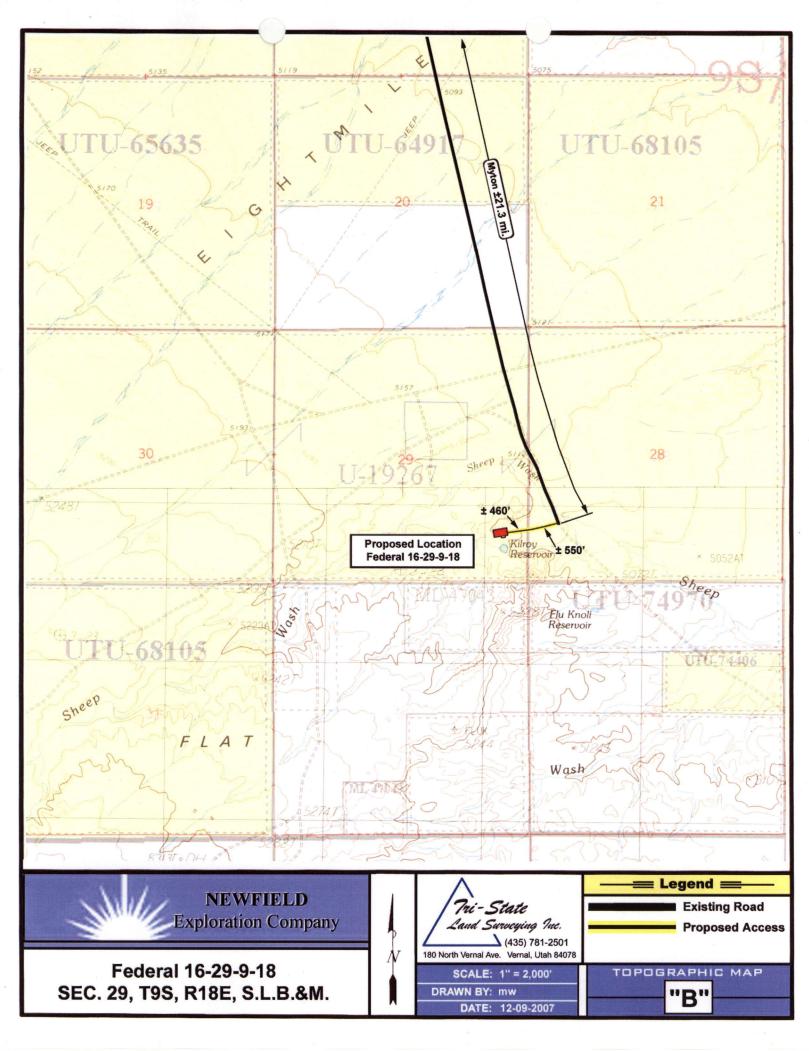
SE/SE Sec. 29, T9S, R18E

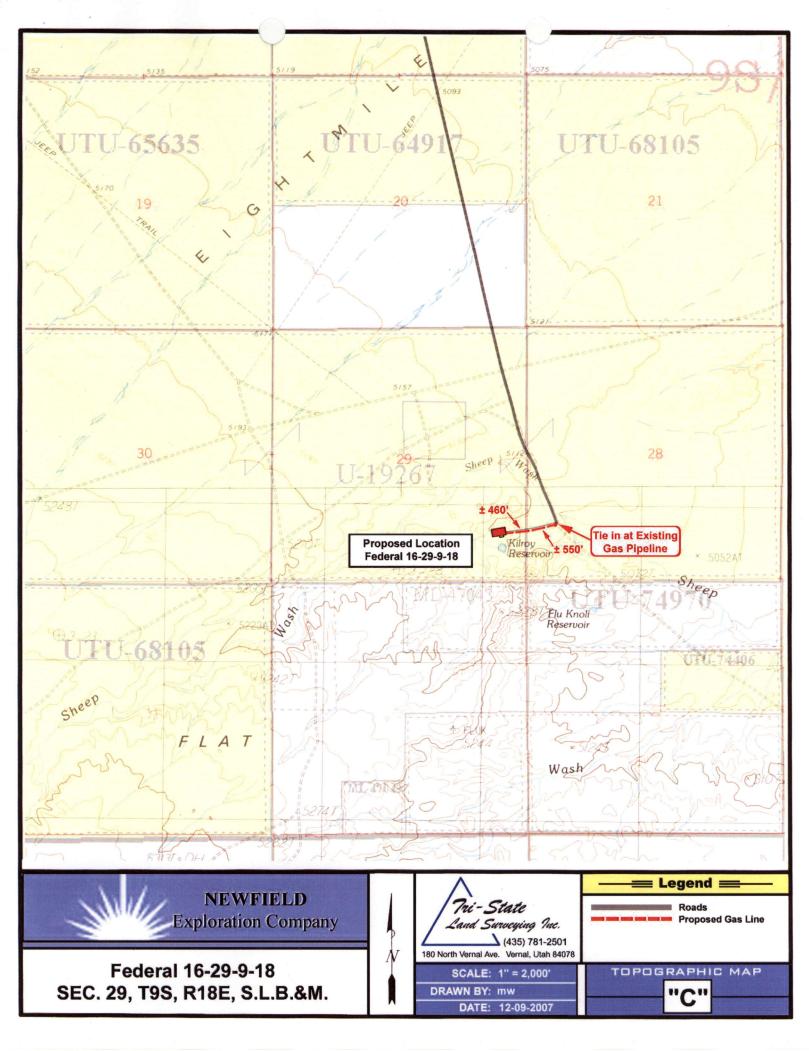
**Uintah County, Utah** 

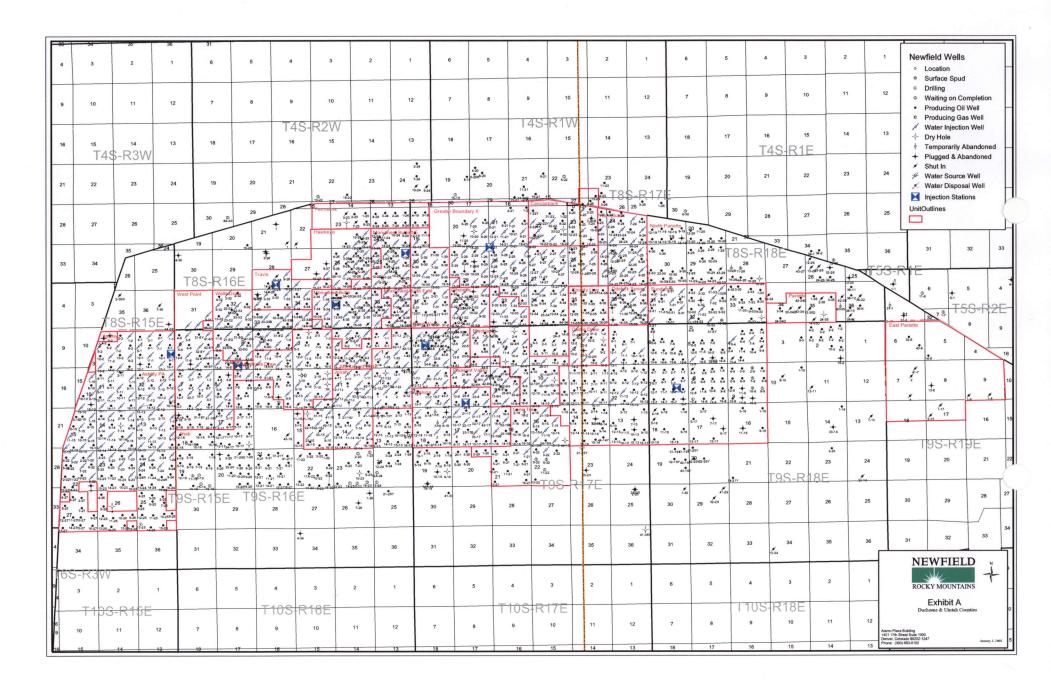
UTU-19267

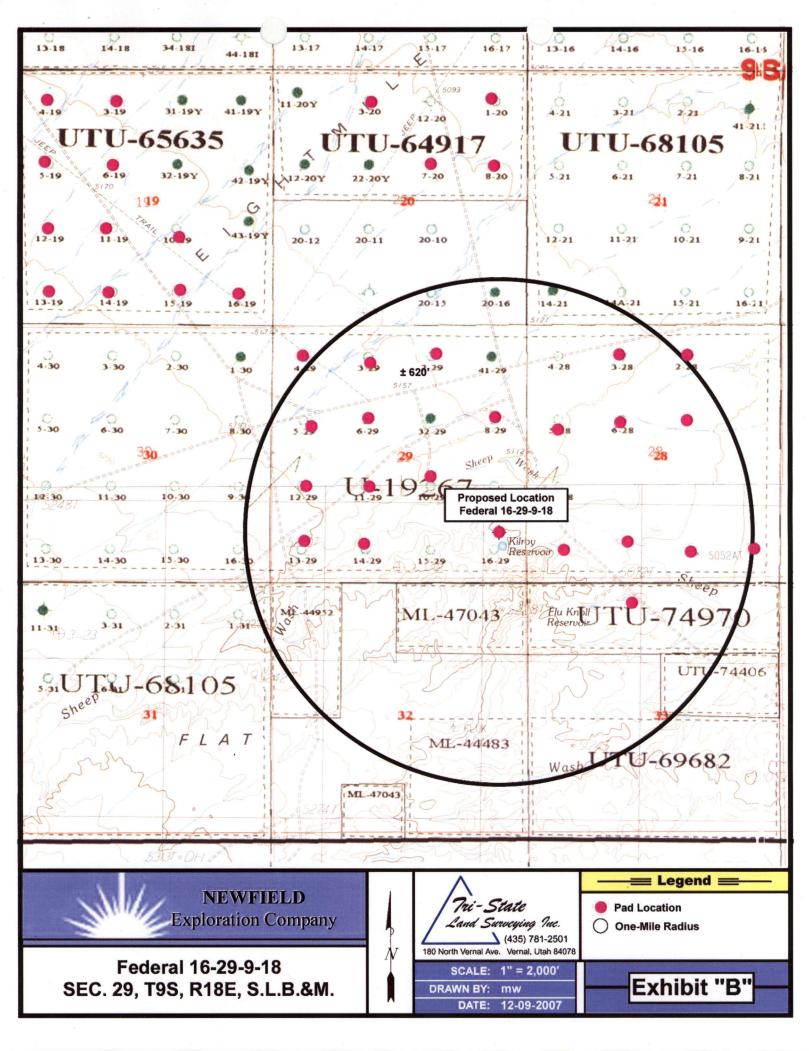
Well Head 55 Gallons Methonol	
Pumping Unit 150 Gallons	Legend
Chemical Drums  55 Gallons Motor Oil  Heater Treater	Emulsion Line
Gas Sales Meter	
Water Tank 200 bbl	Production Phase:  1) Valves 1, 3, and 4 sealed closed  2) Valves 2, 5, and 6 sealed open
Production Tank 3 - Load Rack	Sales Phase:  1) Valves 1, 2, 4, 5, and 6 sealed closed  2) Valve 3 open
Dradadia Tal	<u>Draining Phase:</u> 1) Valves 1 and 6 open
Production Tank 400 bbl 1	Diked Section

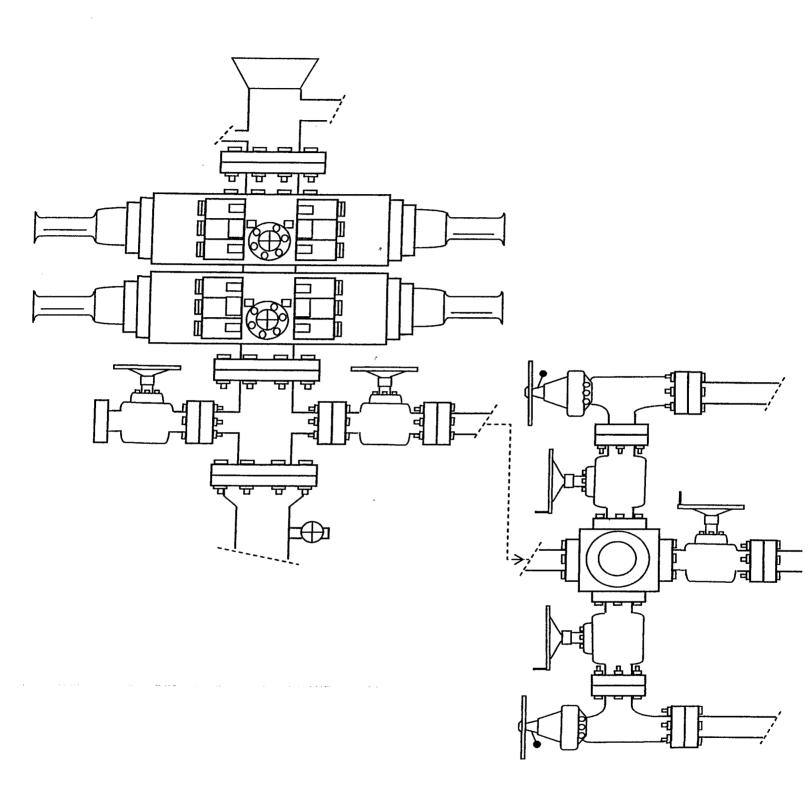












**EXHIBIT C** 

Exhibit "D"

143

OF NEWFIELD EXPLORATION'S
BLOCK PARCELS ON EIGHTMILE FLAT
T9S, R18E, SECTIONS 28 AND 29
UINTAH COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Submitted By:

Montgomery Archaeological Consultants, Inc. P.O. Box 219 Moab, Utah 84532

MOAC Report No. 07-315

September 19, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-07-MQ-1158b

# NEWFIELD EXPLORATION COMPANY

# PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, UINTA COUNTY, UTAH

Horseshoe Bend Area

SE 1/4, SW 1/4, Section 29, T 5 S, R 20 E (14-29-5-20)

(Pipeline Survey)

SE 1/4 & SW 1/4, SW 1/4, Section 29, T 5 S, R 20 E

Southern Pariette Draw Area

Entire Section 28 [excluding NW 1/4, NW 1/4] plus, NW 1/4, & SE 1/4, NE 1/4, Section 29, T 9 S, R 18 E

#### REPORT OF SURVEY

Prepared for:

**Newfield Exploration Company** 

Prepared by:

Wade E. Miller Consulting Paleontologist September 1, 2007

# NEWFIELD PRODUCTION COMPANY

# PALEONTOLOGICAL FIELD SURVEY OF

(SW 1/4 & SE 1/4, Section 29, T 9 S, R 18 E)

Southern Pariette Draw Area

**DUCHESNE COUNTY, UTAH** 

ADDENDUM REPORT (To Report of September 1, 2007)

REPORT OF FIELD SURVEY

Prepared for:

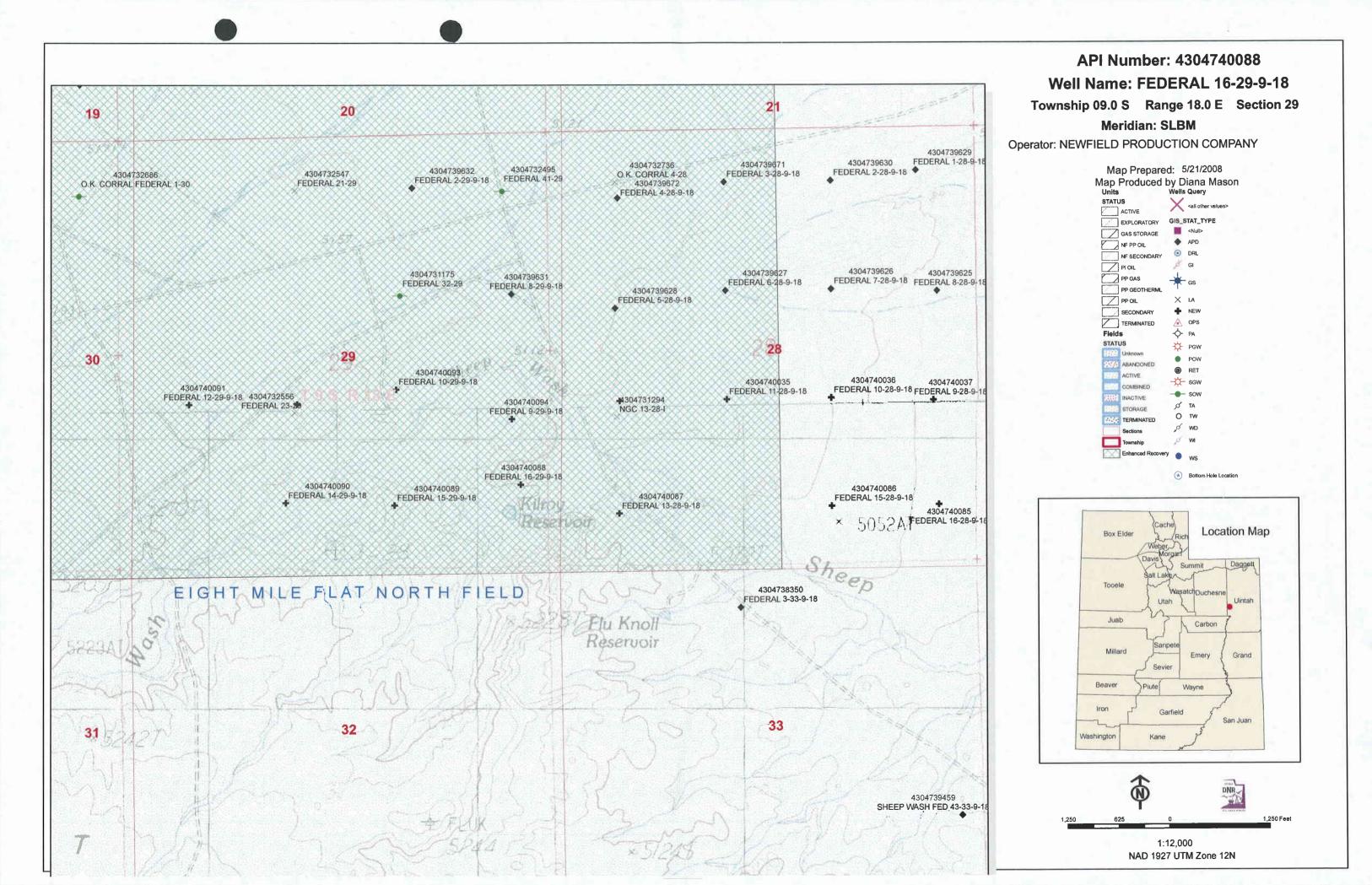
**Newfield Production Company** 

Prepared by:

1 2

Wade E. Miller Consulting Paleontologist October 30, 2007

APD RECEIVED: 05/20/2008	API NO	. ASSIGNED:	43-047-40088
WELL NAME: FEDERAL 16-29-9-18			
OPERATOR: NEWFIELD PRODUCTION ( N2695 )	PHONE NU	MBER: 435-64	6-3721
CONTACT: MANDIE CROZIER			
PROPOSED LOCATION:	INSPECT	LOCATN BY:	/ /
SESE 29 090S 180E SURFACE: 0974 FSL 0576 FEL	Tech Rev	view Init:	ials Date
BOTTOM: 0974 FSL 0576 FEL	Enginee	ring	
COUNTY: UINTAH LATITUDE: 39.99738 LONGITUDE: -109.9094	Geology		
UTM SURF EASTINGS: 593103 NORTHINGS: 44278	26 Surface		
FIELD NAME: 8 MILE FLAT NORTH ( 590  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-19267  SURFACE OWNER: 1 - Federal	, PROPOSED	FORMATION:	
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. WYB000493 )  Potash (Y/N)  N Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 43-10136 )  RDCC Review (Y/N)  (Date: )  MA Fee Surf Agreement (Y/N)  NA Intent to Commingle (Y/N)	R649-3-3.  Drilling Board Car Eff Date Siting:	General From Qtr/Qtr & Exception Unit use No:	920' Between Wells
STIPULATIONS:  1- Leder Description of the state of the s	pprova		





June 4, 2008

State of Utah, Division of Oil, Gas & Mining ATTN: Diana Mason PO Box 145801 Salt Lake City, UT 84114-5801

43.047.40088

RE:

Exception Location Federal 16-29-9-18 T9S R18E, Section 29: SESE 974'FSL 576' FEL Uintah County, Utah

Dear Ms. Mason:

Pursuant to Rule 649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company ("NPC") hereby requests an exception location for the drilling of the captioned well. The proposed drillsite for this well is located 114' north of the drilling window required by Rule R649-3-2, which requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

The attached plat depicts the proposed location and illustrates the deviation from the drilling window. The requested location has been chosen due to issues with the terrain in the required drilling window.

Please note the drillsite and all surrounding acreage within a four hundred sixty (460) foot radius is covered by UTU-19267, which is owned 100% by NPC.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at  $\underline{\text{reveland@newfield.com}}$ . Your consideration of this matter is greatly appreciated.

Sincerely,

Roxann Eveland Land Associate

Popann Eveland

Attachment

Form 3160-3 (September 2001)	<b>v</b>			OMB No.	PPROVED 1004-0136 wary 31, 2004	
UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANAG	5. Lease Serial No. UTU-192					
APPLICATION FOR PERMIT TO DE	6. If Indian, Allottee					
	N/A					
1a. Type of Work: DRILL REENTE	7. If Unit or CA Agre	ement, Name and No.				
	N/A 8. Lease Name and W	7-11 37-				
1b. Type of Well:  Oil Well  Gas Well  Other	8. Lease Name and W Federal 16-2					
Name of Operator     Newfield Production Company				9. API Well No.		
3a. Address	i .	lo. (include area code)	,	10. Field and Pool, or I	Exploratory	
Route #3 Box 3630, Myton UT 84052	L	5) 646-3721		Eight Mile Fla		
4. Location of Well (Report location clearly and in accordance with	any State requ	uirements.*)	i	11. Sec., T., R., M., or	Blk, and Survey or Area	
At surface SE/SE 974' FSL 576' FEL  At proposed prod, zone				SE/SE Sec. 29	, T9S R18E	
14. Distance in miles and direction from nearest town or post office*				12. County or Parish	13. State	
Approximatley 21.5 miles southeast of Myton, Utah				Uintah	UT	
15. Distance from proposed* location to nearest property or lease line, ft.	om proposed* lease 16. No. of Acres in lease 17. Spacin			ng Unit dedicated to this well		
(Also to nearest drig, unit line, if any) Approx. 974' f/lse, NA' f/unit	1,91	8.84		40 Acres		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 901'	19. Propose			BIA Bond No. on file		
		335'		WYB000493		
<ol> <li>Elevations (Show whether DF, KDB, RT, GL, etc.)</li> <li>5100' GL</li> </ol>	J	imate date work will sta ıarter 2008	rt*	23. Estimated duration  Approximately seven (7) days from spud to fig release.		
5100 GE	24. Atta		<del></del> -	Approximately seven (7) days t	rom spud to ng release,	
The following, completed in accordance with the requirements of Onshon			nahad ta shia	£2		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System I SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>		4. Bond to cover the Item 20 above). 5. Operator certification.	ne operation ation. specific info	s unless covered by an	existing bond on file (see	
25. Signature	Name	(Printed/Typed)		1:	Date	
1/ cendo coxo	Mar	ndie Crozier		1	5/15/08	
Title C Regulatory Specialist						
Approved by (Signature)	Name	(Printed/Typed)			Date	
Title	Office	e				
Application approval does not warrant or certify the the applicant holds legoperations thereon.  Conditions of approval, if any, are attached.	gal or equitab	le title to those rights in	the subject le	ease which would entitle	the applicant to conduct	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as to	a crime for an any matter w	y person knowingly and ithin its jurisdiction.	d willfully to	make to any departmen	t or agency of the United	

RECEIVED
JUN 0 6 2008

# T9S, R18E, S.L.B.&M. \$89\*56'W - 79.88 (G.L.O.) S89°48'05"W - 2629.81' (Meas.) N89°57′59"W - 2641.83' (Meas.) 1910 1910 Brass Cap Brass Con Brass Cap WELL LOCATION: FEDERAL 16-29-9-18 ELEV. UNGRADED GROUND = 5099.7' NO'03'W (G.L.O.) 1910 Brass Cao Brass Cap Well Haad See Detail D e t a i lNo Scale 1910 1910 Brass Cap Brass Cap S89°44'53"W - 2638.55' (Meas.) N89°55'00"W - 2640.18' (Meas.) \$89\*58'W - 79.98 (G.L.O.) FEDERAL 16-29-9-18 = SECTION CORNERS LOCATED (Surface Location) NAD 83 LATITUDE = 39.59.50.42" BASIS OF ELEV;

U.S.G.S. 7-1/2 min QUAD (CROW KNOLL)

LONGITUDE = 109 54 36.04"

# NEWFIELD PRODUCTION COMPANY

WELL LOCATION, FEDERAL 16-29-9-18, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 29, T9S, R18E, S.L.B.&M. UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THATO PREPARED FROM FIELD NOTES OF ACTUS S MADE BY ME OR UNDER MY SUPERVISION AN THE SAME ARE TRUE AND SORRECT TO THE MY KNOWLEDGE AND FELIE No.18937

# TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

(100) 701 2001		
DATE SURVEYED: 11-19-07	SURVEYED BY: T.H.	
DATE DRAWN: 12-04-07	DRAWN BY: M.W.	
REVISED:	SCALE: 1" = 1000'	





MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA Division Director

June 9, 2008

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re:

Federal 16-29-9-18 Well, 974' FSL, 576' FEL, SE SE, Sec. 29, T. 9 South, R. 18 East,

Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40088.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	Newfield Production Company		
Well Name & Number	Federal 16-29-9-18		
API Number:	43-047-40088		
Lease:	UTU-19267		
Location: SE SE	Sec. 29	<b>T.</b> 9 South	<b>R.</b> 18 East

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

# RECEIVED VERNAL FIELD OFFICE

Form 3160-3

FORM APPROVED

(September 2001)	IF	NITED STATES		us l'iny 20 f	11 12 3	OMB No Expires Jar	. 1004-013 nuary 31, 20		
	DEPARTM	ENT OF THE IN OF LAND MANAG		DEPT OF THE BUREAU OF L	INTERIO	Lease Serial No. UTU-192			
Al	PPLICATION FOR	PERMIT TO DE	RILL OR R	EENTER		o. If Indian, Afforted		Name	
la. Type of Work: [	vil paur					7. If Unit or CA Agre		ame and	d No
ia. Type of work:	DRILL	☐ REENTER	· ·			N/A		ante ante	
1b. Type of Well:	Oil Well 🖵 Gas Wel	l 🖵 Other	× Si	ngle Zone 🔲 Mult	iple Zone	8. Lease Name and V Federal 16-2			
2. Name of Operator Newfield Produc	tion Company					9. API Well No.	711 2012	 88	
3a. Address 3b. Phone No. (include area code)				10. Field and Pool, or					
	30, Myton UT 84052			6) 646-3721		Eight Mile Fl			
	Report location clearly and		any State requ	irements.*)		11. Sec., T., R., M., or	Blk. and	Survey	or Area
At surface SE/S At proposed prod.	E 974' FSL 576' FEI zone	-				SE/SE Sec. 29	9, T9S R	₹18E	
14. Distance in miles an	d direction from nearest to	wn or post office*				12. County or Parish		13. St	ate
	1.5 miles southeast of	Myton, Utah				Uintah		UT	
<ol> <li>Distance from propo- location to nearest property or lease lin (Also to nearest drig</li> </ol>	e, ft.	974' f/lse, NA' f/unit	16. No. of A	Acres in lease	17. Spacing	g Unit dedicated to this v	well		
18. Distance from propo			19. Propose		20 PI M/P	IA Bond No. on file			
to nearest well, drilli applied for, on this le	ng, completed,	ox. 901'	_	35'		VYB000493			
21. Elevations (Show v	hether DF, KDB, RT, GL	, etc.)	22. Approx	mate date work will sta	art*	23. Estimated duratio	n		
5100' GL	·		4th Quarter 2008 Approximately s		Approximately seven (7) days	from spud to	rig release.		
			24. Atta	chments					
The following, completed	in accordance with the re-	quirements of Onshor	e Oil and Gas	Order No.1, shall be at	tached to this	form:			
Well plat certified by     A Drilling Plan.     A Surface Use Plan	a registered surveyor.  (if the location is on Nat	onal Foract System	I and the	<ul><li>4. Bond to cover the stem 20 above).</li><li>5. Operator certification.</li></ul>		s unless covered by an	existing	bond on	i file (see
SUPO shall be filed	with the appropriate Forest	Service Office).	Latids, tile	6. Such other site authorized offic	specific info er.	rmation and/or plans a	s may be	require	d by the
5. Signature	<i>-</i> / ·			(Printed/Typed)			Date		
1/cem	le croze	)	, Mar	die Crozier			5/15/0	18	
itle Reg	ulatory Specialist					,			
Approved by (Signature)	/		Name	(Printed/Typed)	1		AUG	2.5	2008
itle Assistant	Field Manager Heral Recources		Office					<u></u>	
,									

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

SEP 1 6 2008

CONDITIONS OF APPROVAL ATTACHED

NOS 03/17/08

08PP 0639A



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

API No:

**Newfield Production Company** 

Location:

SESE, Sec. 29, T9S, R18E

Federal 16-29-9-18

43-047-40088

Lease No:

UTU-19267

Agreement:

N/A

Title Petroleum Engineer:	<b>Name</b> Matt Baker	Office Phone Number (435) 781-4490	<b>Cell Phone Number</b> (435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	,
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	` ,
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	•

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	_	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- :	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	••••••••••••••••••••••••••••••••••••••	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 9 Well: Federal 16-29-9-18 8/21/2008

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

#### SITE SPECIFIC CONDITIONS OF APPROVAL

#### STIPULATIONS:

- The proposed area contains Mountain plover habitat. With this occurrence there will be a timing restriction during project activity (construction and drilling) to minimize disturbance during Mountain plover nesting from May – June 15.
- An active colony of prairie dogs and their burrows (burrowing owl habitat) were observed on and around the proposed site. With this occurrence there will be a timing restriction during project activity (construction and drilling) to minimize disturbance during Burrowing Owl nesting from April 1 – August 31.

#### Lease Notices from RMP:

None

#### Comments:

None

## Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) should require additional surveys and clearances.

#### **CONDITIONS OF APPROVAL:**

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment.

Page 3 of 9 Well: Federal 16-29-9-18 8/21/2008

If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed immediately upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 Pit Fencing Minimum Standards will be strictly adhered to.
  To include 9.2.2.3 Corner posts will be cemented and/or braced in such a manner as to keep
  fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

#### Interim Reclamation:

• The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded using a rangeland drill. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1<sup>st</sup> until snow or ground is frozen) with the following seed mix:

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#### Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	Elymus elymoides	3.0	1/4 - 1/2"
Siberian wheatgrass	Agropyron fragile	1.0	1/2"
Shadscale saltbush	Atriplex confertifolia	0.50	1/2"
Four-wing saltbush	Atriplex canescens	0.50	1/2"
Gardner's saltbush	Atriplex gardneri	0.50	1/2"
Scarlet	Sphaeralcea	0.10	1/8 - 1/4"
globemallow	coccinea		

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

#### Final reclamation:

- •
- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

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- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

Page 6 of 9 Well: Federal 16-29-9-18 8/21/2008

## DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- Logging: Run electric logs from TD to surface casing. Run Gamma Ray from TD to surface.
- Variances Granted:
- Air Drilling:
- Properly lubricated and maintained rotating head, variance granted to use a properly maintained and lubricated diverter bowl in place of a rotating head.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 35' from the well bore.
- Automatic igniter or continuous pilot light on the blooie line. Variance granted to not have an
  igniter or continuous pilot light, only drilling to 350' and Uinta is usually not hydrocarbon bearing
  in this area..
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressor located 50 feet from the well bore on the opposite side from the blooie line.

#### Mud Drilling:

Eighty (80) foot long flare line approved due to small well pad.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.

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- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
  is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
  Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
   Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 8 of 9 Well: Federal 16-29-9-18 8/21/2008

#### **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 9 of 9 Well: Federal 16-29-9-18 8/21/2008

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	IG	<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-19267
	RY NOTICES AND REPORTS O		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen exi ugged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 16-29-9-18
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	IPANY		9. API NUMBER: 43047400880000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84	4052 435 646-4825 Ext	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0974 FSL 0576 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESE Section: 29	IP, RANGE, MERIDIAN: Township: 09.0S Range: 18.0E Meridian: S		STATE: UTAH
11.	CK APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start: 5/26/2009	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
· · · ·	☐ CHANGE WELL STATUS ☐ DEEPEN ☐	COMMINGLE PRODUCING FORMATIONS FRACTURE TREAT	☐ CONVERT WELL TYPE ☐ NEW CONSTRUCTION
SUBSEQUENT REPORT Date of Work Completion:	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR ☐	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	✓ APD EXTENSION
inoport Sales	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
Newfield Production	DMPLETED OPERATIONS. Clearly show all pertine Company requests to extend the more year.	APD for this well for one  D  B	Approved by the Utah Division of Oil, Gas and Mining  ate: May 27, 2009  y:
NAME (PLEASE PRINT) Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	TITLE Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 5/26/2009	



# The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43047400880000

**API:** 43047400880000 Well Name: FEDERAL 16-29-9-18

Location: 0974 FSL 0576 FEL QTR SESE SEC 29 TWNP 090S RNG 180E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 6/9/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that requ

		the previously approved application to drill, remains valid and does not checklist of some items related to the application, which should be verified.
	ated on private la ed? 📵 Yes 🗍	l, has the ownership changed, if so, has the surface agreement been lo
		led in the vicinity of the proposed well which would affect the spacing or his location? ( Yes ( No
	nere been any uni s proposed well?	or other agreements put in place that could affect the permitting or operation Yes 📵 No
		nges to the access route including ownership, or rightof- way, which could ion? ( Yes ( No
• Has th	ne approved sourc	of water for drilling changed? 📗 Yes 📵 No
		sical changes to the surface location or access route which will require a at was discussed at the onsite evaluation? ( Yes ( No
• Is bor	nding still in place	Approved by the which covers this proposed well?   Yes No Utah Division of Oil, Gas and Mining
nature:	Mandie Crozier	<b>Date:</b> 5/26/2009
Title	Regulatory Tech R	presenting: NEWFIELD PRODUCTION COMPANY Date: May 27, 2009

Sign

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	IG	<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-19267
	RY NOTICES AND REPORTS O		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0974 FSL 0576 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SESE Section: 29	IP, RANGE, MERIDIAN: Township: 09.0S Range: 18.0E Meridian: S		STATE: UTAH
11.	CK APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start: 5/26/2009	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
· · · ·	☐ CHANGE WELL STATUS ☐ DEEPEN ☐	COMMINGLE PRODUCING FORMATIONS FRACTURE TREAT	☐ CONVERT WELL TYPE ☐ NEW CONSTRUCTION
SUBSEQUENT REPORT Date of Work Completion:	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR ☐	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	✓ APD EXTENSION
inoport Sales	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
Newfield Production	DMPLETED OPERATIONS. Clearly show all pertine Company requests to extend the more year.	APD for this well for one  D  B	Approved by the Utah Division of Oil, Gas and Mining  ate: May 27, 2009  y:
NAME (PLEASE PRINT) Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	TITLE Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 5/26/2009	



# The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43047400880000

**API:** 43047400880000 Well Name: FEDERAL 16-29-9-18

Location: 0974 FSL 0576 FEL QTR SESE SEC 29 TWNP 090S RNG 180E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 6/9/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that requ

		the previously approved application to drill, remains valid and does not checklist of some items related to the application, which should be verified.
	ated on private la ed? 📵 Yes 🗍	l, has the ownership changed, if so, has the surface agreement been lo
		led in the vicinity of the proposed well which would affect the spacing or his location? ( Yes ( No
	nere been any uni s proposed well?	or other agreements put in place that could affect the permitting or operation Yes 📵 No
		nges to the access route including ownership, or rightof- way, which could ion? ( Yes ( No
• Has th	ne approved sourc	of water for drilling changed? 📗 Yes 📵 No
		sical changes to the surface location or access route which will require a at was discussed at the onsite evaluation? ( Yes ( No
• Is bor	nding still in place	Approved by the which covers this proposed well?   Yes No Utah Division of Oil, Gas and Mining
nature:	Mandie Crozier	<b>Date:</b> 5/26/2009
Title	Regulatory Tech R	presenting: NEWFIELD PRODUCTION COMPANY Date: May 27, 2009

Sign

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-19267
	RY NOTICES AND REPORTS O		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 16-29-9-18
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	IPANY		9. API NUMBER: 43047400880000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84	435 646-4825 Ext	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0974 FSL 0576 FEL QTR/QTR, SECTION, TOWNSHI	TR DANCE MEDITAN		COUNTY: UINTAH
	Township: 09.0S Range: 18.0E Meridian: S		STATE: UTAH
11.	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
✓ NOTICE OF INTENT Approximate date work will start: 6/1/2010	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
0,1,2010	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	L DEEPEN L	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	L REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	□ TUBING REPAIR         □         □ WATER SHUTOFF         □         □         □	VENT OR FLARE  SI TA STATUS EXTENSION	WATER DISPOSAL  ✓ APD EXTENSION
DRILLING REPORT Report Date:		_	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
l .	OMPLETED OPERATIONS. Clearly show all pertings to extend the permit to drill t		volumes, etc.
Newneld proposi	es to exteria the permit to arm t	ins wen for one year.	Approved by the
			<b>Utah Division of</b>
			Oil, Gas and Mining
		D	<b>June</b> 03, 2010
			Miles 00 1
		E	By: Dan Hill
NAME (PLEASE PRINT) Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	TITLE Regulatory Tech	
SIGNATURE N/A		<b>DATE</b> 6/1/2010	



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047400880000

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**Date Original Permit Issued:** 6/9/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not requ

ire revi	sion. Following is a chec	klist of some items related to the	application, which should be verified.
	ated on private land, has ed?  Yes  No	s the ownership changed, if so, ha	as the surface agreement been
	any wells been drilled in requirements for this lo		l which would affect the spacing or
	nere been any unit or ot s proposed well? 🧻 Yo		could affect the permitting or operation
	there been any changes the proposed location?		nership, or rightof- way, which could
• Has th	ne approved source of w	vater for drilling changed? 🔘 Ye	es 📵 No
		changes to the surface location of the charges to the surface location of the charges at the onsite evaluated in the charges are charges.	or access route which will require a cion? ( Yes ( No
• Is bor	nding still in place, whic	h covers this proposed well?	Approved by the Yes No Utah Division of Oil, Gas and Mining
nature:	Mandie Crozier	<b>Date:</b> 6/1/2010	_
			I 02 2010

Sigr

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY Date:



Lieutenant Governor

7

# State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 30, 2010

Mandie Crozier Newfield Production Company Rt 3 Box 3630 Myton, Utah 84052 43 047 40088 Federal 16-29-9-18 95 18E 29

Re:

APDs Rescinded for Newfield Production Company, Uintah County

Dear Ms. Crozier:

Enclosed find the list of APDs that are being rescinded per your request to Newfield Production Company. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective August 25, 2010.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

Il lasm

cc:

Well File

Bureau of Land Management, Vernal



## 8/25/2010

# **NEWFIELD - APD'S**

# EIS expiration date: 8/24/10

Name	API Number
Federal 10-28-8-18	43-047-40165
Federal 5-12-9-18	43-047-36466
Federal 7-12-9-18	43-047-36467
Federal 11-13-9-18	43-047-36545
Federal 13-13-9-18	43-047-36546
Federal 4-14-9-18	43-047-34944
Federal 1-15-9-18	43-047-36325
Federal 13-15-9-18	43-047-36329
Federal 15-15-9-18	43-047-36330
Federal 1-20-9-18	43-047-39423
Federal 8-20-9-18	43-047-39426
Federal 1-28-9-18	43-047-39629
Federal 3-28-9-18	43-047-39671
Federal 6-28-9-18	43-047-39627
Federal 7-28-9-18	43-047-39626
Federal 8-28-9-18	43-047-39625
Federal 9-28-9-18	43-047-40037
Federal 10-28-9-18	43-047-40036
Federal 11-28-9-18	43-047-40035
Federal 12-28-9-18	43-047-40034
Federal 13-28-9-18	43-047-40087
Federal 14-28-9-18	43-047-40095
Federal 15-28-9-18	43-047-40086
Federal 16-28-9-18	43-047-40085
Federal 9-29-9-18	43-047-40094
Federal 11-29-9-18	43-047-40092
Federal 12-29-9-18	43-047-40091
Federal 13-29-9-18	43-047-40096
Federal 14-29-9-18	43-047-40090
Federal 15-29-9-18	43-047-40089
Federal 16-29-9-18	43-047-40088
Federal 3-33-9-18	43-047-38350



# **United States Department of the Interior**

## BUREAU OF LAND MANAGEMENT

Green River District Vernal Field Office 170 South 500 East Vernal, UT 84078

http://www.blm.gov/ut/st/en/fo/vernal.html

DEC 12, 2013



Mandie Crozier Newfield Production Company Route 3, Box 3630 Myton, UT 84052 43 047 40088

Re:

Notice of Expiration

Well No. Federal 16-29-9-18 SESE, Sec. 29, T9S, R18E Uintah County, Utah Lease No. UTU-19267 Greater Monument Butte Unit RECEIVED

JAN 17 2014

DIV. OF OIL, GAS & MINING

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the above-referenced well was approved on August 25, 2008. No extension of the original APD was requested. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka Assistant Field Manager Lands & Mineral Resources

CC:

**UDOGM** 

bcc:

Well File I&E Asst.